

research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 19:05:25 ON 05 APR 2006

=> file caplus uspatful japio eptfull medline biosis embase scisearch		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.42	0.42

FILE 'CAPLUS' ENTERED AT 19:06:34 ON 05 APR 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 19:06:34 ON 05 APR 2006  
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'JAPIO' ENTERED AT 19:06:34 ON 05 APR 2006  
COPYRIGHT (C) 2006 Japanese Patent Office (JPO)- JAPIO

FILE 'EPFULL' ENTERED AT 19:06:34 ON 05 APR 2006  
COPYRIGHT (C) 2006 European Patent Office / FIZ Karlsruhe

FILE 'MEDLINE' ENTERED AT 19:06:34 ON 05 APR 2006

FILE 'BIOSIS' ENTERED AT 19:06:34 ON 05 APR 2006  
Copyright (c) 2006 The Thomson Corporation

FILE 'EMBASE' ENTERED AT 19:06:34 ON 05 APR 2006  
Copyright (c) 2006 Elsevier B.V. All rights reserved.

FILE 'SCISEARCH' ENTERED AT 19:06:34 ON 05 APR 2006  
Copyright (c) 2006 The Thomson Corporation

=> s polyacrylamide and hydrogel?  
L1 10343 POLYACRYLAMIDE AND HYDROGEL?

=> s l1 and (implant? or prosthe? or endoprosthe?)  
L2 4899 L1 AND (IMPLANT? OR PROSTHE? OR ENDOPROSTHE?)

=> s l2 and (cartilage or synov? or chondral? or endochondral) and joint  
L3 2363 L2 AND (CARTILAGE OR SYNOV? OR CHONDRAL? OR ENDOCHONDRAL) AND  
JOINT

=> s l3 and (replac? or augment? or mimic?)  
L4 2352 L3 AND (REPLAC? OR AUGMENT? OR MIMIC?)

=> s l4 and method  
L5 2350 L4 AND METHOD

=> s l5 and arthritis  
L6 2234 L5 AND ARTHRITIS

=> s l6 and acrylamide  
L7 97 L6 AND ACRYLAMIDE

=> s l7 and (methylene bis acrylamide)  
L8 3 L7 AND (METHYLENE BIS ACRYLAMIDE)

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul53cxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 21	IPC search and display fields enhanced in CA/Capplus with the IPC reform
NEWS	4	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
NEWS	5	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	6	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	7	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	8	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	9	JAN 30	Saved answer limit increased
NEWS	10	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
NEWS	11	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	12	FEB 22	Status of current WO (PCT) information on STN
NEWS	13	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	14	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	15	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	16	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	17	FEB 28	TOXCENTER reloaded with enhancements
NEWS	18	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	19	MAR 01	INSPEC reloaded and enhanced
NEWS	20	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	21	MAR 08	X.25 communication option no longer available after June 2006
NEWS	22	MAR 22	EMBASE is now updated on a daily basis
NEWS	23	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	24	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	25	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT <a href="http://download.cas.org/express/v8.0-Discover/">http://download.cas.org/express/v8.0-Discover/</a>
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific

=> d 18 1-3 ibib abs

L8 ANSWER 1 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:94026 USPATFULL  
TITLE: **Polyacrylamide hydrogel for arthritis**  
INVENTOR(S): Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003065389	A1	20030403
APPLICATION INFO.:	US 2001-938668	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
LINE COUNT:	705	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **hydrogel** for use as a **prosthetic** device for supplementing, **augmenting** or **replacing cartilage** in the intra-articular cavity of a **joint** and for treatment or prevention of **arthritis**. The **hydrogel** may be a **polyacrylamide hydrogel** obtained by combining **acrylamide** and **methylene bis-acrylamide**. A **prosthetic** device comprising the **polyacrylamide hydrogel** is also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 3 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 2005:3603 EPFULL  
ENTRY DATE PATENT: 20050817  
ENTRY DATE PUBLICATION: 20050817  
UPDATE DATE PUBLICAT.: 20051026  
DATA UPDATE DATE: 20051026  
DATA UPDATE WEEK: 200543  
TITLE (ENGLISH): **Polyacrylamide hydrogel and its use as an endoprosthesis**  
TITLE (FRENCH): **Hydrogel de polyacrylamide et son utilisation comme endoprothese**  
TITLE (GERMAN): **Polyacrylamid-Hydrogel und seine Verwendung als Endoprothese**  
INVENTOR(S): Lessel, Robert, Bryggerdammen 21, 2605 Brondby, DK;  
Schmidt, Richard, Fagerbo 12, 2950 Vedbaek, DK  
PATENT APPLICANT(S): Contura S.A., Grand'Rue 3, 1820 Montreux, CH  
PATENT APPL. NUMBER: 4034190  
AGENT: Plougmann & Vingtoft A/S, P.O. Box 831, 2100 Copenhagen, DK  
AGENT NUMBER: 101179  
DOCUMENT TYPE: Patent  
LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
LANGUAGE OF PROCEDURE: English  
LANGUAGE OF TITLE: German; English; French  
PATENT INFO TYPE: EPA2 Application published without search report  
PATENT INFORMATION:

	NUMBER	KIND	DATE
	EP 1564230	A2	20050817
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR		
EXTENSION STATES:	AL LT LV MK SI		
APPLICATION INFO.:	EP 2005-9167	A	20010825
RELATED DOC. INFO.:	EP 2001-960207	20010825	EP 1287048 Parent Application
PRIORITY INFO.:	DK 2000-1262	A	20000825

ABEN

**Polyacrylamide hydrogels** comprising less than 3.5% **polyacrylamide**, cross-linked with **methylen-bis-acrylamide**, and at least 95% water or saline solution were found to be stable. These **hydrogels** are useful as injectable or **implantable endoprosthetic** devices for use in mammoplasty, soft tissue filling, penile **augmentation**, facial correction, lip **augmentation**, body contouring, **arthritis**, incontinence, reflux oesophagitis, and vesicoureteral reflux. **Hydrogels** comprising from 0.5 to 25 % **polyacrylamide hydrogel** are described as well as for use as **prosthetic** devices. The **hydrogels** are tailored to their intended use as **prosthetic** devices, in terms of their physical and rheological properties, such as their **polyacrylamide** content, viscosity and elasticity.

L8 ANSWER 3 OF 3 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 2004:167 EPFULL  
 DATA UPDATE DATE: 20040609  
 DATA UPDATE WEEK: 200424  
 TITLE (ENGLISH): **Polyacrylamide hydrogel** and its use as an **endoprosthesis**  
 TITLE (FRENCH): **Hydrogel de polyacrylamide** et son utilisation comme endoprothese  
 TITLE (GERMAN): **Polyacrylamidhydrogel** und seine Verwendung als Endoprothese  
 INVENTOR(S): The designation of the inventor has not yet been filed  
 PATENT APPLICANT(S): Contura S.A., Grand'Rue 3, 1820 Montreux, CH  
 PATENT APPL. NUMBER: 4034190  
 AGENT: Plougmann & Vingtoft A/S, Sundkrogsgade 9 P.O. Box 831, 2100 Copenhagen O, DK  
 AGENT NUMBER: 101176  
 DOCUMENT TYPE: Patent  
 LANGUAGE OF FILING: English  
 LANGUAGE OF PUBL.: English  
 LANGUAGE OF PROCEDURE: English  
 LANGUAGE OF TITLE: German; English; French  
 PATENT INFO TYPE: EPA3 Separate publication of search report  
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	EP 1418188	A3	20040609
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR		
EXTENSION STATES:	AL LT LV MK RO SI		
APPLICATION INFO.:	EP 2004-2645	A	20010825
RELATED DOC. INFO.:	EP 2001-960207	20010825	EP 1287048 Parent Application
PRIORITY INFO.:	DK 2000-1262	A	20000825